



PHARMACY DATA MANAGEMENT (PDM)

TECHNICAL MANUAL/ SECURITY GUIDE

Version 1.0
September 1997

(Revised March 2003)

Department of Veterans Affairs
VISTA System Design & Development

Revision History

The table below lists changes made since the initial release of this manual. Update an existing manual with the Change Pages document or print out the entire updated manual.

Date	Revised Pages	Patch Number	Description
03/03	i., 5, 8, 24a, 29, 31, 35, 48	PSS*1*47	Updated patch references to include PSS*1*47. Added new field OTHER LANGUAGE INSTRUCTIONS (#7.1) to the PHARMACY ORDERABLE ITEM File (#50.7) list and <i>Other Language Translation Setup</i> option description.
11/02	i, ii 5, (6) 23 - 24 25, (26) 29-30 (47), 48	PSS*1*55	Renumbered front matter starting from this Revision History page. Updated Patch number. Updated Option descriptions to include <i>Drug Text File Report</i> option. Added routine PSSDTR in the Routines section. Added the <i>Drug Text File Report</i> option to the current PDM Menu in the Exported Options section.
10/02	Title, i-iv, 32a-32d	PSS*1*57	Updated Title Page, Revision Page and Table of Contents. A section was added for the new HL7 Messaging with an External System.
09/01	All	PSS*1*38	Added this Revision History Page. Added Patch Release changes and Pharmacy Ordering Enhancements (POE) edits. Updated manual to comply with current documentation standards.
09/97			Original Release of Technical Manual.

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Implementation and Maintenance

The PHARMACY ORDERABLE ITEM file (#50.7) must be built prior to the installation of Outpatient Pharmacy V. 7.0 and Inpatient Medications V. 5.0. The PHARMACY ORDERABLE ITEM file (#50.7) will be similar to the PRIMARY DRUG file (#50.3) used by Inpatient Medications V. 4.5. The main difference is that each entry in the PHARMACY ORDERABLE ITEM file (#50.7) has an associated Dosage Form that will always print next to the name. The PHARMACY ORDERABLE ITEM file (#50.7) will be duplicated in the ORDERABLE ITEM file (#101.43) that will reside in CPRS V. 1.0. Any update to the PHARMACY ORDERABLE ITEM file (#50.7) will automatically update the corresponding entry in the ORDERABLE ITEM file (#101.43). The NAME field (#.01) and the DOSAGE FORM field (#.02) values in the PHARMACY ORDERABLE ITEM file (#50.7) will print on Outpatient Pharmacy reports, profiles, Inpatient Medication reports, MAR labels etc., in place of the Primary Drug Name.

The PHARMACY ORDERABLE ITEM file (#50.7) includes the following fields. These fields reflect the package content up to and including the release of patch PSS*1*47.

☒ These fields were necessary for the initial installation but were deleted following later patches.

* These fields were not exported with the initial installation but were added with later patches.

Field Number		Field Name	Description
.01		NAME	This is the name of the Pharmacy Orderable Item. It is a free text field that can be up to 40 characters in length.
.02		DOSAGE FORM	This is a pointer to the DOSAGE FORM file (#50.606). This is a required field and will always print next to the Pharmacy Orderable Item name.
.03		IV FLAG	This field will be set to 1 to indicate that the Pharmacy Orderable Item entry is pointed to by either the IV ADDITIVES file (#52.6), or the IV SOLUTIONS file (#52.7). If this field is not set to 1, it indicates that the entry is pointed to from the DRUG file (#50).
.04		INACTIVE DATE	This will contain the date the entry had been made inactive.
.05		DAY (nD) or DOSE (nL) LIMIT	This is a free text field used to calculate a default value for the "STOP DATE" prompt of the order.

Field Number		Field Name	Description
.06		MED ROUTE	This is a pointer to the MEDICATION ROUTES file (#51.2). If a MED ROUTE is entered here, it will be used as the default value during order entry when this drug is selected.
.07		SCHEDULE TYPE	This field is a set of codes and will be used as a default value when selecting this drug in order entry.
.08		SCHEDULE	This is a free text field and will be used as a default value during order entry when this drug is selected.
.09		SUPPLY	This is a set of codes with 1 (one) indicating that the Orderable Item is a supply.
2		SYNONYM (multiple)	This multiple will contain all the associated synonyms for the Pharmacy Orderable Item.
	.01	SYNONYM	A free text synonym name up to 30 characters long.
<input checked="" type="checkbox"/> 3		CORRESPONDING UD ITEM	If CHANGE TYPE OF ORDER FROM OERR field (#20.412) in the PHARMACY SYSTEM file (#59.7) parameter in Inpatient Mediations package is set, this field will be asked to user. This field will indicate corresponding Orderable Items to choose from and which package (UD or IV) to finish the order.
<input checked="" type="checkbox"/> 4		CORRESPONDING IV ITEM	If CHANGE TYPE OF ORDER FROM OERR field (#20.412) in the PHARMACY SYSTEM file (#59.7) parameter in Inpatient Mediations package is set, this field will be asked to user. This field will indicate corresponding Orderable Items to choose from and which package (UD or IV) to finish the order.

Field Number		Field Name	Description
*5		FORMULARY STATUS	This field will designate the formulary status of the Orderable Item. The non-formulary status will be displayed to the provider next to the selectable list of Orderable Item(s) during CPRS order entry (List Manager and GUI). This field is not editable. The software controls it. An Orderable Item will only be marked as non-formulary if there are no active Dispense Drugs that are formulary drugs matched to the item.
*6		OI-DRUG TEXT ENTRY (multiple)	
	*.01	OI-DRUG TEXT ENTRY	This is a pointer to the DRUG TEXT file (#51.7). This file contains such information as drug restrictions, guidelines and protocols to help assure that medications are being used according to formulary specifications. This information will be seen in CPRS and Pharmacy when a medication order is placed for the Pharmacy Orderable Item. New entries to the DRUG TEXT file (#51.7) must be made through the <i>Drug Text Enter/Edit</i> option.
*7		PATIENT INSTRUCTIONS	The text in this field shall be presented as a default for the Patient Instructions prompt in the Outpatient Pharmacy package when entering orders, if the Dispense Drug selected is matched to this Pharmacy Orderable Item. This text will also be presented during the Outpatient Medication order entry process through CPRS, and the CPRS user can then determine whether or not these Instructions should be part of the order. For all words entered in this field, the software will check for expansions for each word in the MEDICATION INSTRUCTION file (#51) and expand the word accordingly.

Field Number	Field Name	Description
7.1	OTHER LANGUAGE INSTRUCTIONS	The text in this field shall be presented as a default for the OTHER PATIENT INSTRUCTIONS prompt in the Outpatient Pharmacy package when entering orders, if the order being entered is for a patient who has designated a preference for another language.


The option description below was retrieved from VA FileMan and reflects the new option added to PDM following the installation of patch PSS*1*47. *Other Language Translation Setup* [PSS OTHER LANGUAGE SETUP] is a stand-alone option that must be assigned to the person(s) responsible for maintaining it.

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NAME: PSS OTHER LANGUAGE SETUP  
MENU TEXT: Other Language Translation Setup  
TYPE: action  
PACKAGE: PHARMACY DATA MANAGEMENT  
DESCRIPTION: This option can be used to enter other language translations  
that will print on the outpatient pharmacy Rx labels.  
ENTRY ACTION: D OTHLAN^PSSJEEU  
UPPERCASE MENU TEXT: OTHER LANGUAGE TRANSLATION SET
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The PDM menu that was exported with the original PDM package has been modified to include subsequent changes and patches, including the changes resulting from the Pharmacy Ordering Enhancements project.

The PDM menu up to and including PSS*1*47 appears below.

CMOP Mark/Unmark (Single drug)
[PSSXX MARK] 

Dosages...
[PSS DOSAGES MANAGEMENT]

Auto Create Dosages
[PSS DOSAGE CONVERSION]

Dosage Form File Enter/Edit
[PSS DOSAGE FORM EDIT]

Enter/Edit Dosages
[PSS EDIT DOSAGES]

Most Common Dosages Report
[PSS COMMON DOSAGES]

Noun/Dosage Form Report
[PSS DOSE FORM/ NOUN REPORT]

Review Dosages Report
[PSS DOSAGE REVIEW REPORT]

Drug Enter/Edit
[PSS DRUG ENTER/ EDIT]

Drug Interaction Management...
[PSS DRG INTER MANAGEMENT]

Enter/Edit Local Drug Interaction
[PSS INTERACTION LOCAL ADD]

Report of Locally Entered Interactions
[PSS REPORT LOCAL INTERACTIONS]

Electrolyte File (IV)
[PSSJI ELECTROLYTE FILE]

Lookup into Dispense Drug File
[PSS LOOK]

Medication Instruction File Add/Edit
[PSSJU MI]

Medication Route File Enter/Edit
[PSS MEDICATION ROUTES EDIT]

Orderable Item Management...
[PSS ORDERABLE ITEM MANAGEMENT]

 Edit Orderable Items
 [PSS EDIT ORDERABLE ITEMS]

 Dispense Drug/Orderable Item Maintenance
 [PSS MAINTAIN ORDERABLE ITEMS]

 Orderable Item/Dosages Report
 [PSS ORDERABLE ITEM DOSAGES]

 Patient Instructions Report
 [PSS INSTRUCTIONS/ ITEMS REPORT]

Orderable Item Report
[PSS ORDERABLE ITEM REPORT]

Formulary Information Report
[PSSNFI]

Drug Text Enter/Edit
[PSS EDIT TEXT]

Drug Text File Report
[PSS DRUG TEXT FILE REPORT]

Pharmacy System Parameters Edit
[PSS SYS EDIT]

Standard Schedule Edit
[PSS SCHEDULE EDIT]

Synonym Enter/Edit
[PSS SYNONYM EDIT]



Locked: PSXCMOPMGR

Other Language Translation Setup [PSS OTHER LANGUAGE SETUP]



Other Language Translation Setup [PSS OTHER LANGUAGE SETUP] is a stand-alone option that must be assigned to the person(s) responsible for maintaining it.



Locked: PSXCMOPMGR

Without the PSXCMOPMGR key, the *CMOP Mark/Unmark (Single drug)* option will not appear on your menu.



When using the *CMOP Mark/Unmark (Single drug)* option to mark a drug for CMOP the user **must** update the cost information in the DRUG file (#50) to ensure the cost data for each prescription fill will be correct.

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Package Requirements

The initial PDM module relies on, at least, the following external packages to run effectively.

<u>Package</u>	<u>Minimum version needed</u>
National Drug File	V. 3.15
Outpatient Pharmacy	V. 6.0
Inpatient Medications	V. 4.5
Kernel	V. 8.0 (plus all patches, particularly XU*8*28)
VA FileMan	V. 21.0 (plus all patches)

The PDM module up to and including the release of PSS*1*47, relies on, at least, the following external packages to run effectively.

<u>Package</u>	<u>Minimum version needed</u>
National Drug File	V. 4.0
Outpatient Pharmacy	V. 7.0
Inpatient Medications	V. 5.0
Kernel	V. 8.0
VA FileMan	V. 22

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Menus

The *Pharmacy Data Management* menu that is exported with the initial release of the PDM package is as follows.

**Primary/VA Generic Orderable Item Report*

**VA Generic Orderable Item Report*

**Create Pharmacy Orderable Items*

**Manually Match Dispense Drugs*

**Orderable Item Matching Status*

CMOP Mark/Unmark (Single drug)

Locked with PSXCMOPMGR

Drug Enter/Edit

IMPORTANT: Once Pharmacy Data Management is installed, the *Outpatient Drug Enter/Edit* and the *Inpatient Medications Dispense Drug Fields* options will be disabled and the *PDM Drug Enter/Edit* option should be used.

Drug Interaction Management...

Enter/Edit Local Drug Interaction

Edit Drug Interaction Severity

Electrolyte File (IV)

Lookup into Dispense Drug File

Med. Route/Instructions Table Maintenance

Medication Instruction File Add/Edit

Orderable Item Management...

Edit Orderable Items

Dispense Drug/Orderable Item Maintenance

Additive/Solutions, Orderable Items

Orderable Item Report


**Primary Drug Edit*

Pharmacy System Parameters Edit

Standard Schedule Edit

* These items are for pre-release only and will be deleted with the installation Outpatient Pharmacy V. 7.0 and Inpatient Medications V. 5.0.

The PDM menu up to and including the release of PSS*1*47 is as follows.

CMOP Mark/Unmark (Single drug) 

Dosages ...

Auto Create Dosages

Dosage Form File Enter/Edit

Enter/Edit Dosages

Most Common Dosages Report

Noun/Dosage Form Report

Review Dosages Report

Drug Enter/Edit

Drug Interaction Management ...

Enter/Edit Local Drug Interaction

Report of Locally Entered Interactions

Electrolyte File (IV)

Lookup into Dispense Drug File

Medication Instruction File Add/Edit

Medication Route File Enter/Edit

Orderable Item Management ...

Edit Orderable Items

Dispense Drug/Orderable Item Maintenance

Orderable Item/Dosages Report

Patient Instructions Report

Orderable Item Report

Formulary Information Report

Drug Text Enter/Edit

Drug Text File Report

Pharmacy System Parameters Edit

Standard Schedule Edit

Synonym Enter/Edit

Other Language Translation Setup



Other Language Translation Setup [PSS OTHER LANGUAGE SETUP] is a stand-alone option that must be assigned to the person(s) responsible for maintaining it.



Locked: PSXCMOPMGR

Without the PSXCMOPMGR key, the *CMOP Mark/Unmark (Single drug)* option will not appear on your menu.